WHAT IS CLAIMED IS:

1. A telecommunications method, comprising:

transmitting a transmit slot as part of a first active connection in a frame at a first frequency between a base station and a mobile unit;

determining that said slot has been interfered with; and

retransmitting at least a predetermined portion of said transmit slot, during a subsequent frame on a second frequency or during the same frame on the same frequency .

2. A telecommunications method in accordance with claim 1, further comprising receiving said transmit slots in a ring memory, wherein data are read into said memory at a first rate and read out of said memory at a second rate higher than said first rate.

3. A telecommunications method in accordance with claim 2, wherein said frame is adapted to include up to four active connections.

4. A telecommunications method in accordance with claim 3, wherein a duration of said frame is ten (10) milliseconds.

5. A telecommunications device, comprising:

a receiver adapted to receive a first data slot in a frame at a first carrier frequency during a communication;

a carrier quality unit adapted to determine if said first carrier frequency is interfered with;

wherein said receiver is adapted to receive a retransmission of said first data slot at a next carrier frequency during a next frame if said first carrier frequency is interfered with or on the same frame during a later slot.

6. A telecommunications device in accordance with claim 5, further comprising a ring memory for storing said first and next data slots, wherein data are read into said ring memory at a first rate and read out of said memory at a second

rate higher than said first rate.

7. A telecommunications device, in accordance with claim 6, wherein said receiver is adapted to receive frames of length 10 milliseconds.

8. A telecommunications device in accordance with claim 7, wherein a frame is adapted to include up to four active connections, each connection comprising a transmit slot and a receive slot.

9. A telecommunications device, comprising:

means for transmitting a transmit slot as part of a first active connection in a frame at a first frequency between a base station and a mobile unit;

means for determining that said slot has been interfered with; and

means for retransmitting said transmit slot during a subsequent frame on a second frequency or during the same frame on the same frequency.

10. A telecommunications device in accordance with claim 9, further comprising means for receiving said transmit slots in a ring memory, wherein data are read into said memory at a first rate and read out of said memory at a second rate higher than said first rate.

11. A telecommunications device in accordance with claim 10, wherein said frame is adapted to include up to four active connections.

12. A telecommunications method in accordance with claim 11, wherein a duration of said frame is ten (10) milliseconds.

13. A telecommunications system, comprising:

a plurality of telecommunications devices, at least two of said telecommunications devices comprising:

a receiver adapted to receive a first data slot in a frame at a first carrier frequency during a communication; and

a carrier quality unit adapted to determine if said first carrier frequency is interfered with;

wherein said receiver is adapted to receive a retransmission of said first data slot at a next carrier frequency during a next frame or in the same frame during a later slot if said first carrier frequency is interfered with.

14. A telecommunications system in accordance with claim 13, said at least two further comprising a ring memory for storing said first and next data slots, wherein data are read into said ring memory at a first rate and read out of said memory at a second rate higher than said first rate.